

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: August 28, 2002, 17:31:43 ; Search time 30.03 Seconds
(without alignments)
202.530 Million cell updates/sec

Title: US-09-502-984B-37
Perfect score: 1284
Sequence: 1 KFSKAAALIAANGPEELLCTF.....RKNERLEEEVERLKQVGER 249

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCUTUS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/Backfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1060	82.6	488	US-08-776-511-2	Sequence 2, Appl1
2	1053	82.0	508	US-08-850-293-5	Sequence 5, Appl1
3	190.5	14.8	185	US-07-676-647-10	Sequence 10, Appl1
4	190.5	14.8	185	US-08-449-329-10	Sequence 10, Appl1
5	190.5	14.8	185	US-08-445-073-10	Sequence 10, Appl1
6	190.5	14.8	185	US-08-585-258-10	Sequence 10, Appl1
7	190.5	14.8	185	US-09-211-350-10	Sequence 10, Appl1
8	190.5	14.8	185	US-09-211-350-10	Sequence 10, Appl1
9	167	13.0	482	US-08-184-327A-8	Sequence 10, Appl1
10	167	13.0	482	US-08-184-327A-8	Sequence 10, Appl1
11	166	12.9	633	US-08-250-859-17	Sequence 8, Appl1
12	166	12.9	633	US-08-490-803-17	Sequence 17, Appl1
13	166	12.9	633	US-08-457-254-7	Sequence 17, Appl1
14	166	12.9	633	PCT-US94-08806-17	Sequence 17, Appl1
15	166	12.9	633	PCT-US95-01775-17	Sequence 17, Appl1
16	166	12.9	633	PCT-US95-16626-7	Sequence 17, Appl1
17	164	12.8	626	US-08-184-327A-2	Sequence 2, Appl1
18	164	12.8	626	PCT-US95-00670-2	Sequence 2, Appl1
19	160	12.5	30	US-08-280-864A-7	Sequence 7, Appl1
20	160	12.5	30	US-09-092-291-7	Sequence 7, Appl1
21	146	11.4	448	US-08-078-311-12	Sequence 12, Appl1
22	146	11.4	448	US-08-460-402-12	Sequence 12, Appl1
23	146	11.4	493	US-08-078-311-7	Sequence 7, Appl1
24	146	11.4	493	US-08-460-402-7	Sequence 7, Appl1
25	146	11.4	635	US-08-184-327A-4	Sequence 4, Appl1
26	146	11.4	635	US-08-078-311-1	Sequence 1, Appl1
27	146	11.4	635	US-08-460-402-1	Sequence 1, Appl1

28	146	11.4	635	PCT-US95-00670-4	Sequence 4, Appl1
29	145	11.3	29	US-08-280-864A-8	Sequence 8, Appl1
30	145	11.3	29	US-09-092-291-8	Sequence 8, Appl1
31	145	11.3	30	US-08-280-864A-10	Sequence 10, Appl1
32	145	11.3	30	US-09-092-291-10	Sequence 10, Appl1
33	144	11.2	31	US-08-078-311-28	Sequence 28, Appl1
34	144	11.2	31	US-08-460-402-28	Sequence 28, Appl1
35	143	11.1	30	US-08-280-864A-9	Sequence 9, Appl1
36	143	11.1	30	US-09-092-291-9	Sequence 9, Appl1
37	142	11.1	30	US-08-280-864A-11	Sequence 11, Appl1
38	142	11.1	30	US-09-092-291-11	Sequence 11, Appl1
39	134.5	10.5	389	US-09-071-224-24	Sequence 24, Appl1
40	134	10.4	30	US-08-280-864A-12	Sequence 12, Appl1
41	134	10.4	30	US-09-092-291-12	Sequence 12, Appl1
42	133.5	10.4	389	US-09-071-224-22	Sequence 22, Appl1
43	133.5	10.4	389	US-09-071-224-26	Sequence 26, Appl1
44	133.5	10.4	389	US-09-071-224-27	Sequence 27, Appl1
45	133.5	10.4	392	US-09-071-224-18	Sequence 18, Appl1

ALIGNMENTS

```
RESULT 1
US-08-776-511-2
; Sequence 2, Application US/08776511
; Patent No. 6153190
; GENERAL INFORMATION:
; APPLICANT: Young, Peter R.
; APPLICANT: Erickson-Miller, Connie
; TITLE OF INVENTION: Method for Obtaining Receptor Agonist
; TITLE OF INVENTION: Antibodies
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESS: SmithKline Beecham Corporation- Corporate
; ADDRESS: Patents
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-2799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/776, 511
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Jervais, Herbert H.
; REGISTRATION NUMBER: 31,171
; REFERENCE/DOCKET NUMBER: SBC P50349-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5015
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 488 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-776-511-2

Query Match      82.6%; Score 1060; DB 4; Length 488;
Best Local Similarity 93.8%; Pred. No. 1.7e+100;
Matches 198; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
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QY 1 KFSKAAALIAANGPEELLCTERLEDVCFEERASAGCPNFSFQLEDEPKLCTL 60
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DB 34 KFSKAAALIAANGPEELLCTERLEDVCFWEERASAGVGPNGYSPSYOLEDEPKLCTL 93

Oy	61	HOAPRACARIFWCSLPIADTSSVPELELRITATSGAPRRHRYHIENVLLDAPGLVA	120
Dd	94	HOAPRACARGAFWCSLPIADTSSFVPELELRVTASGAPRYRHVIHEINVLLDAPGLVA	153
Oy	121	RLADESGHYVYIRMLPRPPTMTSHIRELDISAANGAGSVORVELLEGTECVLSNLRGR	180
Dd	154	RLADESGHYVLRMLPPRPPTMTSHIRREVDVSAAGNGAGSVORVELLEGTECVLSNLRGR	213
Oy	181	TRITTAIVARAARMAEPSEFGFSAMSEDPVSLLT	211
Dd	214	TRITTAIVARAARMAEPSEFGFSAMSEDPVSLLT	244

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1      RESULT      2
2      US-08-850-293-5
3      : Sequence 5, Application US/08850293
4      : Patent No. 5843726
5      : GENERAL INFORMATION:
6      : APPLICANT: Lee, Jong Y.
7      : TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR
8      : TITLE OF INVENTION: PROTEIN FRAGMENT AND ANTIBODIES DERIVED THEREFROM
9      : NUMBER OF SEQUENCES: 5
10     : CORRESPONDENCE ADDRESS:
11     : ADDRESSEE: Fish & Richardson P.C., P.A.
12     : STREET: 60 South Sixth Street, Suite 3300
13     : CITY: Minneapolis
14     : STATE: MN
15     : COUNTRY: USA
16     : ZIP: 55402
17     : COMPUTER READABLE FORM:
18     : MEDIUM TYPE: Floppy disk
19     : COMPUTER: IBM compatible
20     : OPERATING SYSTEM: DOS
21     : SOFTWARE: FastSeq for Windows Version 2.0
22     : CURRENT APPLICATION DATA:
23     : APPLICATION NUMBER: US/08/850,293
24     : FILING DATE: 05-MAY-1997
25     : CLASSIFICATION: 435
26     : PRIOR APPLICATION DATA:
27     : APPLICATION NUMBER: 08/499,643
28     : FILING DATE: 07-JUL-1995
29     : PRIOR APPLICATION DATA:
30     : APPLICATION NUMBER: 08/106,815
31     : FILING DATE: 16-AUG-1993
32     : ATTORNEY/AGENT INFORMATION:
33     : NAME: Ellinger, Mark S.
34     : REGISTRATION NUMBER: 34,812
35     : REFERENCE/DOCKET NUMBER: 07004/002001
36     : TELECOMMUNICATION INFORMATION:
37     : TELEPHONE: 612/335-5070
38     : TELEFAX: 612/288-9696
39     : INFORMATION FOR SEQ ID NO: 5:
40     : SEQUENCE CHARACTERISTICS:
41     : LENGTH: 508 amino acids
42     : TYPE: amino acid
43     : TOPOLOGY: linear
44     : MOLECULE TYPE: protein
45     : US-08-850-293-5

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Query Match	82.0%	Score 1053	DB 2	Length 508
Best Local Similarity	93.4%	Pred. No. 9, 2e-100		
Matches 197	Conservative 11	Matches 3	Indels 0	Gaps 0
Qy	1	KRESKAALLAAGPEELICETERLEDVLCFFEEAASAGVCPGNPSFQLEDEPMKICRL	60	
Db	34	KFESKAALLAAGPEELICETERLEDVLCFFEEAASAGVCPGNPSFQLEDEPMKICRL	93	
Qy	61	HOAPARGAIRFCWSLPPTADTSSFEVDLELRLLNAAASGAPFHHVITHINEVLLDAPGLVA	120	
Db	94	HOAPARGAIRFCWSLPPTADTSSFEVDLELRLLNAAASGAPFHHVITHINEVLLDAPGLVA	153	

OY	121	RLADSGHVLRWLPPEPTPMSTRI	REFLDLSAANGAGSVQVRELLGRTCEVLS	SNLGR	180
Db	134	RLADSGHVLRWLPPEPTPMSTRI	REVDVSA	NGAGSVQVRELLGRTCEVLS	NLGR
OY	181	TRITIAVRARMAEPSPFGFMSAMSEPS	SLT	211	
Db	214	TRITIAVLRARMAEPSPFGFMSAMSEPS	SLT	244	

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1      RESULT      3
2      US-07-676-647-10
3      ; Sequence 10, Application US/0767647
4      ; Patent No. 5426177
5      ; GENERAL INFORMATION:
6      ; APPLICANT: Davis, Samuel
7      ; APPLICANT: Squinto, Stephen P.
8      ; APPLICANT: Furth, Mark E.
9      ; APPLICANT: Vancopoulos, George D.
10     ; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
11     ; NUMBER OF SEQUENCES: 15
12     ; CORRESPONDENCE ADDRESS:
13     ; ADDRESSEE: Pennie & Edmonds
14     ; STREET: 1155 Avenue of the Americas
15     ; CITY: New York
16     ; STATE: New York
17     ; COUNTRY: U.S.A.
18     ; ZIP: 10036
19     ; COMPUTER READABLE FORM:
20     ; MEDIUM TYPE: Floppy disk
21     ; COMPUTER: IBM PC compatible
22     ; OPERATING SYSTEM: PC-DOS/MS-DOS
23     ; SOFTWARE: PatentIn Release #1.0, Version #1.25
24     ; CURRENT APPLICATION DATA:
25     ; APPLICATION NUMBER: US/07/676,647
26     ; FILING DATE: 19910328
27     ; CLASSIFICATION: 514
28     ; ATTORNEY/AGENT INFORMATION:
29     ; NAME: Mistrock, S. Leslie
30     ; REGISTRATION NUMBER: 18,872
31     ; REFERENCE/DOCKET NUMBER: 6526-048
32     ; TELECOMMUNICATION INFORMATION:
33     ; TELEPHONE: 212 790-9090
34     ; TELEFAX: 212 8698864/9741
35     ; TELEX: 66141 PENNIE
36     ; INFORMATION FOR SEQ ID NO: 10:
37     ; SEQUENCE CHARACTERISTICS:
38     ; LENGTH: 185 amino acids
39     ; TYPE: AMINO ACID
40     ; STRANDEDNESS: single
41     ; TOPOLOGY: linear
42     ; MOLECULE TYPE: peptide
43     ;
44     ; US-07-676-647-10

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Query Match	Score	DB 1	length
Best Local Similarity	28.5%	Pred. No. 6.2e-12:	
Matches	53; Conservative	5; Mismatches	127; Indels 1; Gaps 1;
Qy	19	CETRELEDVCFEEAASAGVGPNGFNSFQLEDEPWKICRLHQAPTAAGAIRMCSLEPT	78
Db	1	CETRELEDVCFEWMXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	59
Qy	79	ADTSSVPELELTLTAAGAPRFRHYIHINEVLLDAPGLVARLADSGHYIRMLPPE	138
Db	60	XXXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPGLARRADEGSHVVLKRMXXXX	119
Qy	139	TPMTSHIREFLDSAGNGASQVRYELLEGRTECVLSNLGRTRITTLARABMAEPSPFG	198
Db	120	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXVVARABMAEPSPFG	179
Qy	199	FWSAMS 204	
Db	180	FWSAMS 185	

RESULT 4

US-08-449-329-10
; Sequence 10, Application US/08449329
; Patent No. 5648334
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/449,329
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/700,677
; FILING DATE: 15-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-449-329-10

Query Match 14.8%; Score 190.5; DB 1; Length 185;
Best Local Similarity 28.5%; Pred. No. 6.2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CTERLEDLVCFEERASAGVGPGNFSFQLEDEPMKICRLHQAPRTARGAIRFQCSLPT 78
Db 1 CTERLEDLVCFEERASAGVGPGNFSFQLEDEPMKICRLHQAPRTARGAIRFQCSLPT 78
QY 79 ADTSFVLELRLTAASGAPRFHRYIHINEVLLDAPVGLVARLADSGHVIRMLPPE 138
Db 60 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 59
QY 139 TPMTSHIRFELDISAGNGAGSVQRELEGRTECVLSNLGRTRITIAVRARMAEPSPFG 198
Db 120 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 119
QY 199 FWSAMS 204
Db 180 FWSAMS 185

RESULT 5
US-08-445-073-10

; Sequence 10, Application US/08445073
; Patent No. 5849897
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,073
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-445-073-10

Query Match 14.8%; Score 190.5; DB 2; Length 185;
Best Local Similarity 28.5%; Pred. No. 6.2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CTERLEDLVCFEERASAGVGPGNFSFQLEDEPMKICRLHQAPRTARGAIRFQCSLPT 78
Db 1 CTERLEDLVCFEERASAGVGPGNFSFQLEDEPMKICRLHQAPRTARGAIRFQCSLPT 78
QY 79 ADTSFVLELRLTAASGAPRFHRYIHINEVLLDAPVGLVARLADSGHVIRMLPPE 138
Db 60 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 59
QY 139 TPMTSHIRFELDISAGNGAGSVQRELEGRTECVLSNLGRTRITIAVRARMAEPSPFG 198
Db 120 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 119
QY 199 FWSAMS 204
Db 180 FWSAMS 185

RESULT 6
US-08-585-258-10
; Sequence 10, Application US/08585258
; Patent No. 5892003
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel

STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03896
FILING DATE: 19910603
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mistock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6526-065-228
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 8698864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 185 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
PCT-US91-03896-10

Query Match 14.8%; Score 190.5; DB 5; Length 185;
Best Local Similarity 28.5%; Pred. No. 6,2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;

QY 19 CFTERLEDVCFEFAASAGVPGNFSEFQLEDEPKLCRLHQAAPTARCAIRFCSLPT 78
DB 1 CFTGRLEDVCFWXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXX 59
QY 79 ADTSSFVLELRLLTAAGAPRFRVHIHNEVLLDAPVGLVARLADSGHVIRMLPPE 138
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLARAEESGVVLRWXXXXX 119
QY 139 TPMTSHIRELDISAGNGAGVORVELLEGRECVLSNRGRTRITIANRAEAEPFG 198
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXVRRMAEPFSFG 179
QY 199 FWSAMS 204
DB 180 FWSAMS 185

RESULT 9
US-08-184-327A-8
Sequence 8, Application US/08184327A
Patent No. 5498599
GENERAL INFORMATION:
APPLICANT: Chol, Esther S.
APPLICANT: Hokom, Martha M.
APPLICANT: Hunt, Pamela
APPLICANT: Nichol, Janet L.
TITLE OF INVENTION: Compositions And Methods For Stimulating
TITLE OF INVENTION: Platelet Production
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc., U.S. Patent Operations/RRC
STREET: 1840 DeHavilland Drive
CITY: Thousand Oaks
STATE: CA
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/184,327A
FILING DATE: 20-JAN-1994
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 482 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-184-327A-8

Query Match 13.0%; Score 167; DB 1; Length 482;
Best Local Similarity 23.8%; Pred. No. 6e-09;
Matches 62; Conservative 33; Mismatches 105; Indels 60; Gaps 8;

QY 4 SKAALLAANGPEELLCFTERLEDVCFEFAASAGVPGNFSEFQLEDEPKLCRLHQA 63
DB 18 SDVFLALGTPEPLNCFSTFEDLCFWEDEBA--PSGTOLLYAYREKPRACPLYXQ 75
QY 64 PTARCAIRFCSLPTAD-TSSFVLELRLLTAAS-GAPRFRVHIHNEVLLDAPVGLVAR 121
DB 76 SVPTGTRIVCOFPADDEVRLFFPLHWKYNVSLNOTLIQRVFDSVGLPAPPRVYIKAR 135
QY 122 LADSGHVIRW-LPPEPTMTSHIRELDI-----SAGNGAGVORVELLEGRT----- 170
DB 136 GGSQPGELQIHWEAPAE--ISDFLHRLRYGPTSSNATAPSV--IQLLSETCCPTLM 191
QY 171 -----RCVLSNLRGRTRITIANRA 189
DB 192 MNPVYVLDQPCVHPTASQPHGVPTSPAGAPFLTVGGSLVSGIQASKSYMLQIURS 251
QY 190 RMAEPFSGFWSAMSEPVSL 209
DB 252 QPDGVSLRGSGPWSFPVTV 271

RESULT 10
PCT-US95-00670-8
Sequence 8, Application PC/TUS9500670
GENERAL INFORMATION:
APPLICANT: Chol, Esther S.
APPLICANT: Hokom, Martha M.
APPLICANT: Hunt, Pamela
APPLICANT: Nichol, Janet L.
TITLE OF INVENTION: Compositions And Methods For Stimulating
TITLE OF INVENTION: Platelet Production
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc., U.S. Patent Operations/RRC
STREET: 1840 DeHavilland Drive
CITY: Thousand Oaks
STATE: CA
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00670
FILING DATE: 18-JAN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,327
FILING DATE: 20-JAN-1994
INFORMATION FOR SEQ ID NO: 8:


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Db      25  SODVFLLALGTEPENCSSQFIEDLTCPWDEEAA--PSGTYQLLLVYRGKPRACPLYSQ  82
QY      64  PTAGALIRFMCSLPTAD-TSSFVLELRILTAAS-GARFRVRIHINEVLLDAPGIVAR  121
Db      83  SVPTFGTRYVCQFAQDEVRLEFFRLILVKNVSLNQTLLIGRVLEFVDSVGLPAPPRVIKAR  142
QY     122  LADSGCHVIVIRW-LPPETPMTSHIRELDI---SAGNAGSVQVORELLEGR-----  170
Db     143  GGSQPGELQIHMEAPAE--ISDLRHELRKGPIDSSNATAPSV--IQLLSTETCCPTLW  198
QY     171  -----ECVLSNLRGRTTRITTAIVRA  189
Db     199  MPNEPVILQRPVCHPTASQPHGVPTSPGAEARFLTVKGGSCVLVSQAGKSYMIQLRS  258
QY     190  RMAERPSFGCFMSAMSEVSL  209
Db     259  QPDGVSLRGSNGMPWSFSPVTV  278

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RESULT 13

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US-08-457-254-7
Sequence 7, Application US/08457254
Patent No. 5986049
GENERAL INFORMATION:
APPLICANT: Forstrom, John W
APPLICANT: Lofton-Day, Catherine E
APPLICANT: Lok, Si
TITLE OF INVENTION: PURIFIED THROMBOPOIETIN AND METHOD OF
NUMBER OF INVENTION: MAKING IT
NUMBER OF SPOUNCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zymogenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,254
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31,648
REFERENCE/DOCKET NUMBER: 94-11c1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6673
TELEFAX: 206-442-6678
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 633 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-457-254-7

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Query Match	12.9%;	Score 166;	DB 2;	Length 633;
Best Local Similarity	23.8%;	Pred. NO. 1.1e-08;		
Matches 62;	Conservative 33;	Mismatches 105;	Indels 60;	Gaps 8;

[illegible]

RESULT 14

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PCT-US94-08806-17
? Sequence 17, Application PC/Tus9408806
? GENERAL INFORMATION:
? APPLICANT: Zymogenetics, Inc.
? APPLICANT: 1201 Eastlake Avenue East
? APPLICANT: Seattle
? APPLICANT: WA
? APPLICANT: US
? APPLICANT: 98102
? APPLICANT: APPLICANT: University of Washington
? APPLICANT: Seattle
? APPLICANT: WA
? APPLICANT: 98195
? TITLE OF INVENTION: HEMATOPOIETIC PROTEIN AND MATERIALS AND
? TITLE OF INVENTION: METHODS FOR MAKING IT
? NUMBER OF SEQUENCES: 29
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Zymogenetics, Inc.
? STREET: 1201 Eastlake Avenue East
? CITY: Seattle
? STATE: WA
? COUNTRY: USA
? ZIP: 98102
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: PCT/US94/08806
? FILING DATE:
? CLASSIFICATION:
? ATTORNEY/AGENT INFORMATION:
? NAME: Parker, Gary E
? REGISTRATION NUMBER: 31-648
? REFERENCE/DOCKET NUMBER: 93-12PC
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 206-442-6600 ext 6673
? TELEFAX: 206-442-6678
? INFORMATION FOR SEQ ID NO: 17:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 633 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
PCT-US94-08806-17

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Query Match	12.9%;	Score 166;	DB 5;	Length 633;
Best Local Similarity	23.8%;	Pred. No. 1.1e-08;		
Matches	62;	Conservative	33;	Mismatches 105;
				Indels 60;
				Gaps 8;

Db 83 SVPTFGTRYVCQFPAQDEVRLFPLHLWKVNSLNQTLIQRVLFVDSVGLPAPPRVIKAR 142

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Db      83 SVPTGFRGVYQCPAODBEVRLFFFLHLHMKNVSLNQLTQRVLFEVDSVGCLAPRPIVIKAR 142
OY      122 LADSGHNVITW-LPPETPTSTIIRELDI-----SAGNCAGSYORVELLEGRT----- 170
           : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      143 GGSOPGELOIHMEAPAE--ISDELRIHELRYGPPTDSSNATAPSV--IQLLSTETCCPTLM 198
OY      171 -----EVLNLNRRTIRITIAVRA 189
           : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      199 MPNEFVPLDORPCVHPASDPHGCVRTSPAGEAFILTVKGSGCSIVSLQAGSKSYWLQRS 258
OY      190 RMAEPSFGFWMSANSEPVSL 209
           : : | | | | : :
Db      259 QPDGVSILRGSMGPMSPFYTV 278
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RESULT 15
PCT-US95-01775-17
Sequence 17, Application PC/TUS9501775
GENERAL INFORMATION:
APPLICANT: Zymogenetics, Inc.
APPLICANT: 1201 Eastlake Avenue East
APPLICANT: Seattle
APPLICANT: WA
APPLICANT: USA
APPLICANT: 98102
TITLE OF INVENTION: METHOD FOR PREPARING ORPHAN RECEPTOR LIGANDS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zymogenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/01775
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31-648
REFERENCE/DOCKET NUMBER: 94-22C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6673
TELEFAX: 206-442-6678
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 633 amino acids
Type: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-01775-17

```

Query Match	12.9%	Score 166;	DB 5;	length 633;
Best Local Similarity	23.8%;	Pred. NO. 1.1e-08;		
Matches 62;	Conservative 33;	Mismatches 105;	Indels 60;	Gaps 8

```

0Y      4 SKALLIARAGEELLCTERLEDVCFEEBAASVGPNGNSSFOLDEDPMLTKIHOA 63
      1 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db     25 SODVFLALCTEPLNCSSQTFEDTLTCWDEBEAA--PSGTYQLLYAKRGKPPACPLYSO 82
      1 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
0Y      64 PTARGAIRFWCSLEPTAD--TSSFVPELELRITAA--GAPRFRIHINEVVLADPVGIVAR 121
      1 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db     83 SVPTGTRVYQCPADQDEVRLEFPLHLIMAKVSLNQTLIRVLEFVSGLPAPPRIYIKAR 142
      1 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
0Y     122 LADSGHNVIRW-LPPETPTMTSHIRELDI-----SAGNGAGSVQRYVELLEGR----- 170
      1 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

```

```

Db      143 GSGDGEQIHWMEAPAE--ISDELRLHRLRYGPTDSSNNATAPSV--TQLSTFETCCETLW 198
Qy      171 -----ECVSLNLRGRTRITTIYVA 189
Db      199 MPNPVPVLDQPCVHPHTASQPHGRVVRTSPAGAEFLTVKGGSCIVSLQAGKGSWTQLRS 258
Qy      190 RMAEPSTGCGFWSAMSEPSYL 209
Db      259 QPDGVSLGRSGMGPSWSPVTV 278

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Search completed: August 28, 2002, 17:31:43
Job time: 574 sec

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